

04/03/01
U.S. PTO

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PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. EDAC:013 (10793.0013.NPUS00)

First Inventor or Application Identifier Peterson, Et Al.

Title HEAT SINK FOR PRINTED CIRCUIT BOARD COMPONENTS

Express Mail Label No. EL248942012US Filed April 03, 2001

JC986 U.S. PTO
09/1825491
04/03/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Specification [Total Pages 12]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration
 - Newly executed (original or copy)
 - Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 16 completed)
 - DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO:
 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

Accompanying Application Parts

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. 3.73(b) Statement
(when there is an assignee)
 Power of Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. *Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

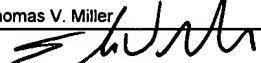
Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)		or <input type="checkbox"/> Correspondence address below		
NAME	Thomas V. Miller			
ADDRESS	Howrey Simon Arnold & White, LLP			
	PO Box 4433			
CITY	Houston	STATE	TX	ZIP CODE
	(312) 595-1239		77210-4433	
COUNTRY	U.S.A.	TELEPHONE	(312) 595-1239	FAX
			(312) 595-2250	

Name (Print/Type)	Thomas V. Miller	Registration No. (Attorney/Agent)	42,002
Signature		Date	04/03/01

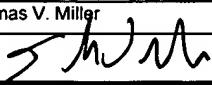
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

		<i>Complete if Known</i>	
		Application Number	Not Assigned
		Filing Date	April 3, 2001
		First Named Inventor	Gregory A. Peterson
		Group Art Unit	Not Assigned
		Examiner Name	Not Assigned
TOTAL AMOUNT OF PAYMENT	(\$) 750.00	Attorney Docket Number	EDAC:013 (10793.0013.NPUS00)

METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)																																																																																																																																																							
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <u>01-2508/10793.0013.NPUS00</u></p> <p>Deposit Account Name ARNOLD WHITE & DURKEE</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>Surcharge - late filing fee or oath</td><td>65</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>Surcharge - late provisional filing or cover sheet.</td><td>25</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>Non-English specification</td><td>130</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>For filing a request for reexamination</td><td>2,520</td></tr> <tr><td>112</td><td>920</td><td>112</td><td>Requesting publication of SIR prior to Examiner action</td><td>920</td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>Requesting publication of SIR after Examiner action</td><td>1,840</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>Extension for response within first month</td><td>55</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>Extension for response within second month</td><td>200</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>Extension for response within third month</td><td>475</td></tr> <tr><td>118</td><td>1,570</td><td>218</td><td>Extension for response within fourth month</td><td>755</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>Notice of Appeal</td><td>155</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>Filing a brief in support of an appeal</td><td>155</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>Request for oral hearing</td><td>135</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>Petition to institute a public use proceeding</td><td>1,510</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>Petition to revive unavoidably abandoned application</td><td>55</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>Petition to revive unintentionally abandoned application</td><td>660</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>Utility issue fee (or reissue)</td><td>660</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>Design issue fee</td><td>225</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>Plant issue fee</td><td>335</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>Petitions to the Commissioner</td><td>130</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>Petitions related to provisional applications</td><td>50</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>Submission of Information Disclosure Stmt</td><td>240</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>395</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>395</td></tr> <tr><td colspan="2">Other fee (specify) _____</td><td colspan="2"></td><td></td><td></td></tr> <tr><td colspan="2">Other fee (specify) _____</td><td colspan="2"></td><td></td><td></td></tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td style="text-align: right;">SUBTOTAL (3)</td> <td style="text-align: right;">(\$)<u>40</u></td> </tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p>				Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	Surcharge - late filing fee or oath	65	127	50	227	Surcharge - late provisional filing or cover sheet.	25	139	130	139	Non-English specification	130	147	2,520	147	For filing a request for reexamination	2,520	112	920	112	Requesting publication of SIR prior to Examiner action	920	113	1,840	113	Requesting publication of SIR after Examiner action	1,840	115	110	215	Extension for response within first month	55	116	400	216	Extension for response within second month	200	117	950	217	Extension for response within third month	475	118	1,570	218	Extension for response within fourth month	755	119	310	219	Notice of Appeal	155	120	310	220	Filing a brief in support of an appeal	155	121	270	221	Request for oral hearing	135	138	1,510	138	Petition to institute a public use proceeding	1,510	140	110	240	Petition to revive unavoidably abandoned application	55	141	1,320	241	Petition to revive unintentionally abandoned application	660	142	1,320	242	Utility issue fee (or reissue)	660	143	450	243	Design issue fee	225	144	670	244	Plant issue fee	335	122	130	122	Petitions to the Commissioner	130	123	50	123	Petitions related to provisional applications	50	126	240	126	Submission of Information Disclosure Stmt	240	581	40	581	Recording each patent assignment per property (times number of properties)	40	146	790	246	Filing a submission after final rejection (37 CFR 1.129(a))	395	149	790	249	For each additional invention to be examined (37 CFR 1.129(b))	395	Other fee (specify) _____						Other fee (specify) _____										SUBTOTAL (3)	(\$) <u>40</u>
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SUBMITTED BY		Complete (if applicable)		
Typed or Printed Name	Thomas V. Miller	Reg. Number	42,002	
Signature		Date	04/03/01	Deposit Acct. User ID